



```
PERFORMANCE_SPHERE QueryCustomerAccount
    EXECUTION_PRIORITY=HIGH
END QueryCustomerAccount

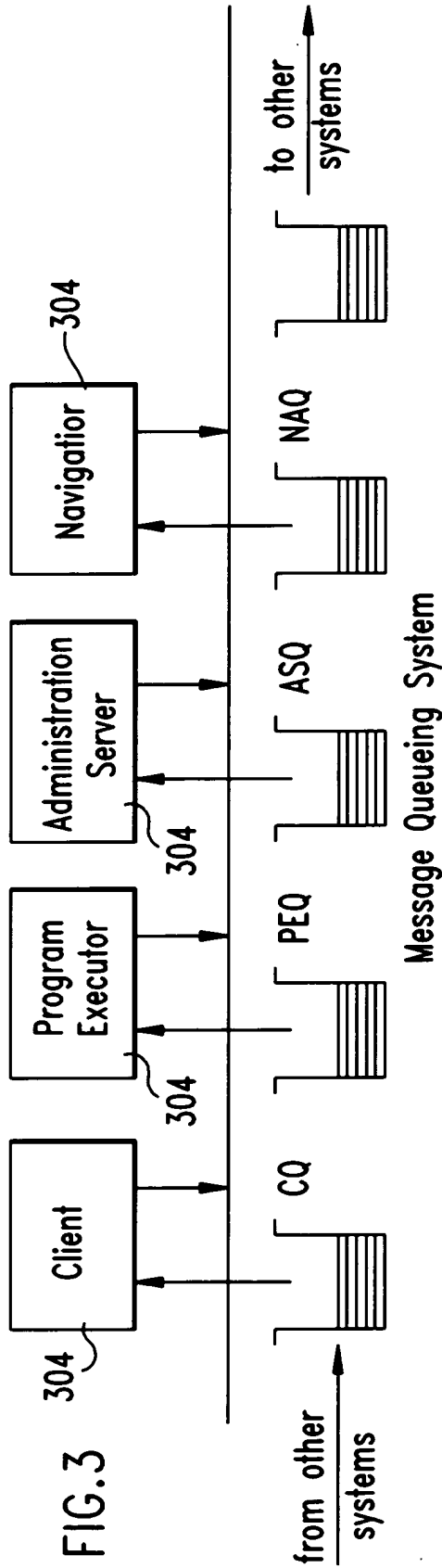
PROGRAM_ACTIVITY GetCustomerInfo
    EXECUTION_PRIORITY=CRITICAL
    RELATED_PERFORMANCE_SPHERE QueryCustomerAccount
END GetCustomerInfo

PROGRAM_ACTIVITY GetAccountBalance
    RELATED_PERFORMANCE_SHERE QueryCustomerAccount
END GetAccountBalance
```

FIG.1

EXECUTION PRIORITY	OS	AIX	OS/2
CRITICAL	14
HIGH	10	. . .	
MEDIUM	7		
LOW	4		

FIG.2



Navigator locates activity
 Navigator inserts request message into program executor queue
 Program executor reads message from queue
 Program executor launches the activity implementation
 Program executor waits for completion
 Program executor inserts completion message into navigator input queue
 Navigator reads completion message
 Navigator continues navigation

FIG. 4



Navigator locates activity

- * Navigator sets message priority according to the execution priority of the activity

Navigator inserts request message into program executor queue

- * Program executor reads message from queue according to message priority

Program executor sets its operating system priority according to the execution priority of the activity

- * Program executor launches the activity implementation with appropriate execution priority

Program executor waits for completion

- * Program executor resets its operating system priority to default

Program executor inserts completion message into navigator input queue

Navigator reads completion message

Navigator continues navigation

FIG.5



Navigator locates activity

- * Navigator sets message priority according to the execution priority of the activity

Navigator inserts request message into program executor queue

Program executor reads message from queue according to message priority

Program executor sets its operating system priority according to the execution priority of the activity

Program executor launches the activity implementation with appropriate execution priority

Program executor waits for completion

Program executor resets its operating system priority to default

- * Program executor sets message priority according to the execution priority of the performance sphere

Program executor inserts completion message into navigator input queue

Navigator reads completion message

- * Navigator sets operating system priority according to execution priority of performance sphere

Navigator continues navigation

FIG.6

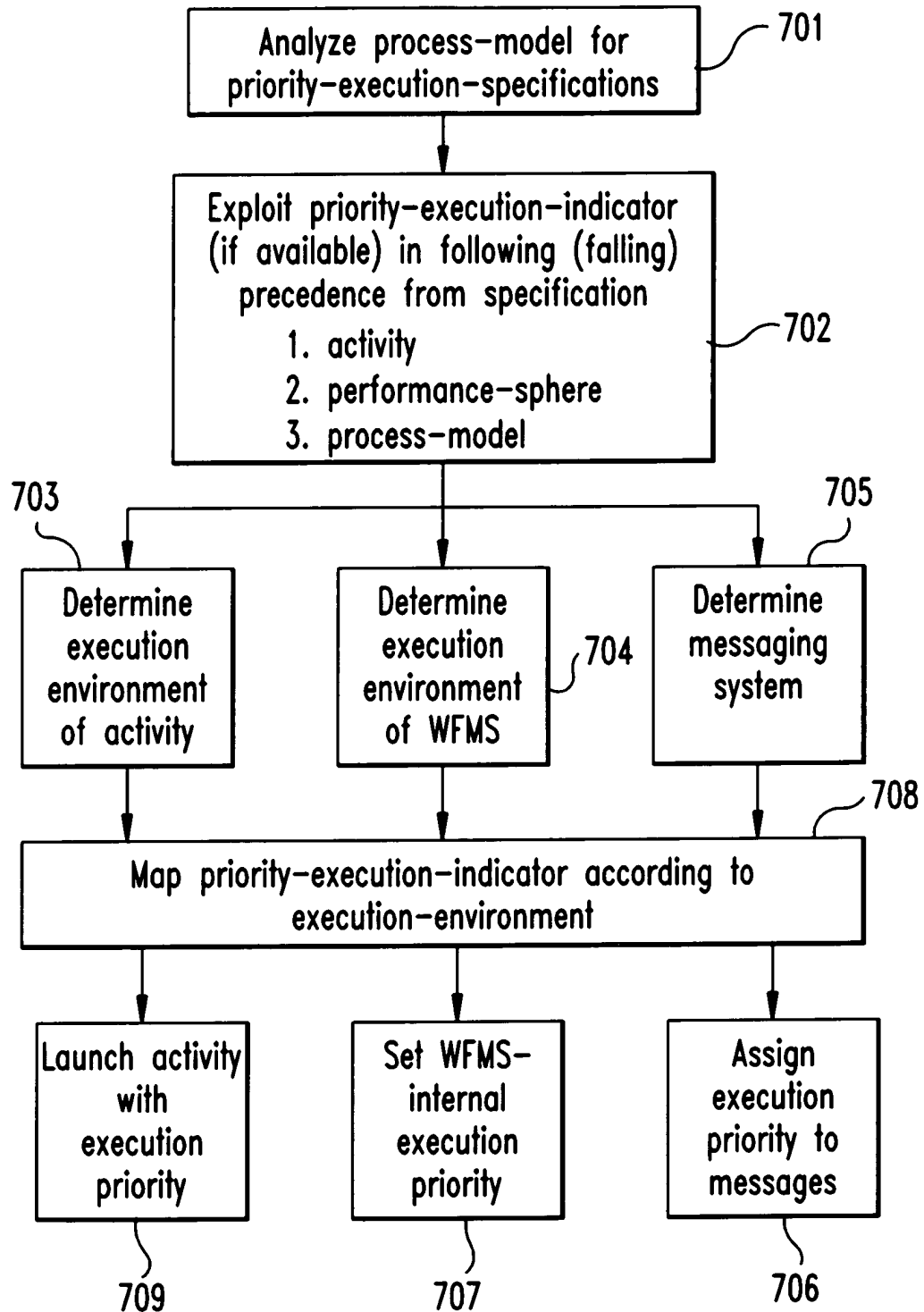


FIG.7